

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
06816/044001SERIAL NO.
08/827,319INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Sekharipuram Narayanan, et al.FILING DATE
3/26/97

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS	AA	5	5	9	9	6	3	8	02/04/97	Surampudi, et al.	429	33	
AS	AB	4	3	9	0	6	0	3	6/28/83	Kawana et al.	429	30	
AS	AC	3	1	4	3	4	4	0	8/4/64	Hunger et al.	136	86	
AS	AD	3	0	1	3	0	9	8	12/12/61	Hunger et al.	136	86	
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AS	AL	60/165062	8/28/95	Japan				
AS	AM	59/209277	22/27/84	Japan				

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AS	AN	Hamnett et al., Electrocatalysis and the Direct Methanol Fuel Cell Chemistry & Industry 480-483 (July 6, 1992)						
AS	AO	Masaji et al., Ordinary Temperature Type Acid Methanol Fuel Cell Japanese Abstract, (August 22, 1998)						
AS	AP	Zawodzinski et al., Methanol Cross-over in UMFC's: Development of Strategies for Minimization, Abstract (Oct. 94)						
AS	AQ	Narayanan et al., Studies on the Electro-Oxidation of Methanol and Formaldehyde at Carbon-Supported Platinum and Platinum Alloy Electrodes Abstract (Oct. 1992)						
AS	AR	Kosek et al., A Direct Methanol Oxidation Fuel Cell Abstract (August 8, 1993)						
AS	AS	Nobuyuki et al., Alcoholic Fuel Battery and Operating Method Thereof Abstract (June 7, 1990)						
AS	AT	Narayanan et al., Implications of Fuel Crossover in Direct Methanol Fuel Cells, Abstract (Oct. 1993)						

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.